

Please type a plus sign in this box:



PTO/SB/01 (3-97)

Approved for use through 6/30/98. OMB 0651-0032

Patent and Trademark Office; US DEPARTMENT OF COMMERCE

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**DECLARATION and POWER OF  
ATTORNEY  
FOR UTILITY OR DESIGN  
PATENT APPLICATION**

**Attorney Docket No.**

2002-061R1

**First Named Inventor**

Chang et al.

**COMPLETE IF KNOWN**

**Application No.**

To Be Assigned

**Filing Date**

Even Date Herewith

**Group Art Unit**

To Be Assigned

**Examiner Name**

To Be Assigned

**EMLN:**

EV186782123US

☒ Declaration  
Submitted with  
initial filing

OR ☐ Declaration  
Submitted after  
initial filing

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (only if one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Olefin-Hydrophilic Block Copolymers Of Controlled Sizes and Methods Of  
Making And Using The Same  
(Title of the Invention)

the specification of which

☒ is attached hereto  
OR

☐ was filed on \_\_\_\_\_, as United States Application Number or PCT International Application  
Number: \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YY)	Priority Not Claimed	Certified Copy Attached	
				YES	NO
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

Application Number (s)	
60/419,951	

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

Please type a plus sign in this box:



PTO/SB/01 (3-97)

Approved for use through 6/30/98. OMB 0651-0032

Patent and Trademark Office; US DEPARTMENT OF COMMERCE

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## DECLARATION - Utility Or Design Patent Application

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the matter provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and

Trademark Office connected therewith: ☒ Customer Number **22905**

OR

☐ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
Ronald A. Krasnow	33,321		
Paul A. Stone	38,628		
James H. Ackley	45,695		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to ☒ Customer Number **22905** or ☐ Correspondence Address below

Name			
Address			
City, State, Zip			
Country	Telephone	Fax	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Name of Sole or First Inventor** ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])		Family Name or Surname	
Han-Ting		Chang	
Inventor's Signature			Dated
Residence: City	Livermore	State	CA
		Country	US
Post Office Address	3100 Central Expressway		
City	Santa Clara	State	CA
		Zip	95051
		Country	US

<input type="checkbox"/> Additional inventors are being named on the ___ supplemental additional inventor(s) sheet(s) PTO/SB/02A attached hereto.									
<b>Name of Inventor</b>					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])					Family Name or Surname				
Damian					Hajduk				
<b>Inventor's Signature</b>							<b>Dated</b>		
<b>Residence: City</b>		San Jose	<b>State</b>	CA	<b>Country</b>	US	<b>Citizenship</b>		USA
<b>Post Office Address</b>		3100 Central Expressway							
<b>City</b>		Santa Clara	<b>State</b>	CA	<b>Zip</b>	95051	<b>Country</b>	US	
<b>Name of Inventor</b>					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])					Family Name or Surname				
Florence					Roger				
<b>Inventor's Signature</b>							<b>Dated</b>		
<b>Residence: City</b>		Santa Clara	<b>State</b>	CA	<b>Country</b>	US	<b>Citizenship</b>		France
<b>Post Office Address</b>		3100 Central Expressway							
<b>City</b>		Santa Clara	<b>State</b>	CA	<b>Zip</b>	95051	<b>Country</b>	US	
<b>Name of Inventor</b>					<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])					Family Name or Surname				
Adam					Safir				
<b>Inventor's Signature</b>							<b>Dated</b>		
<b>Residence: City</b>		Berkeley	<b>State</b>	CA	<b>Country</b>	US	<b>Citizenship</b>		USA
<b>Post Office Address</b>		3100 Central Expressway							
<b>City</b>		Santa Clara	<b>State</b>	CA	<b>Zip</b>	95051	<b>Country</b>	US	

<b>Name of Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Dominique				Charmot			
<b>Inventor's Signature</b>						<b>Dated</b>	
<b>Residence: City</b>	Campbell	<b>State</b>	CA	<b>Country</b>	US	<b>Citizenship</b>	France
<b>Post Office Address</b>	3100 Central Expressway						
<b>City</b>	Santa Clara	<b>State</b>	CA	<b>Zip</b>	95051	<b>Country</b>	US

<b>Name of Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Manikandan				Jayaraman			
<b>Inventor's Signature</b>						<b>Dated</b>	
<b>Residence: City</b>	San Francisco	<b>State</b>	CA	<b>Country</b>	US	<b>Citizenship</b>	India
<b>Post Office Address</b>	3100 Central Expressway						
<b>City</b>	Santa Clara	<b>State</b>	CA	<b>Zip</b>	95051	<b>Country</b>	US

<b>Name of Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Victor				Nava-Salgado			
<b>Inventor's Signature</b>						<b>Dated</b>	
<b>Residence: City</b>	San Jose	<b>State</b>	CA	<b>Country</b>	US	<b>Citizenship</b>	Mexico
<b>Post Office Address</b>	3100 Central Expressway						
<b>City</b>	Santa Clara	<b>State</b>	CA	<b>Zip</b>	95051	<b>Country</b>	US



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

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APR 3 2003

Symyx Technologies  
Legal Department

APRIL 15, 2003

SYMYX TECHNOLOGIES, INC.  
RONALD A. KRASNOW  
LEGAL DEPARTMENT  
3100 CENTRAL EXPRESSWAY  
SANTA CLARA, CA 95051

Symyx Technologies  
Legal Department

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
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\*102312285A\*

Symyx Technologies  
UNITED STATES PATENT AND TRADEMARK OFFICE  
Legal Department  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/10/2002

REEL/FRAME: 013566/0450  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
CHANG, HAN TING

DOC DATE: 11/05/2002

ASSIGNOR: A  
HAJDUK, DOMINIAN

DOC DATE: 12/05/2002

ASSIGNOR:  
ROGER, FLORENCE

DOC DATE: 12/05/2002

ASSIGNOR:  
SAFIR, ADAM

DOC DATE: 12/05/2002

ASSIGNOR:  
CHARMOT, DOMINIQUE

DOC DATE: 12/05/2002

ASSIGNOR:  
JAYARAMAN, MANIKANDAN

DOC DATE: 12/02/2002

ASSIGNOR:  
NAVA-SALGADO, VICTOR

DOC DATE: 12/05/2002

ASSIGNEE:

SYMYX TECHNOLOGIES, INC.  
3100 CENTRAL EXPRESSWAY  
LEGAL DEPARTMENT  
SANTA CLARA, CALIFORNIA 95051

SERIAL NUMBER: 60419951  
PATENT NUMBER:

FILING DATE: 10/21/2002  
ISSUE DATE:

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

12-16-2002

Attorney's Docket No. 2002-061P1  
PATENT

Form PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

102312285  
PATENTS ONLYUS DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeTo the Honorable Assistant Commissioner of Patents and Trademarks.  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies) Chang, Han Ting Hajduk, Damian Roger, Florence Safir, Adam Charmot, Dominique Jayaraman, Manikandan Nava-Salgado, Victor	2. Name and address of receiving party(ies) Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Other <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name	
Execution Date: 11/5/2002; 12/2/2002; 12/5/2002	
Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s) 60/419,951 Filed: October 21, 2002	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed: Attorney's Name: Ronald A. Krasnow Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41):.....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account
	8. Deposit account number: 50-0496 (Attached duplicate copy of this page if paying by deposit account)

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ronald A. Krasnow Reg. No. 33, 321  
(Name of Person Signing)

12-5-02

Date

Total number of pages being submitted, including cover sheet, attachment(s), and document(s) are: 7

Mail documents to be recorded with required cover sheet information to:  
Box Assignments  
Assistant Commissioner of Patents and Trademarks  
Washington, DC 20231

12/13/2002 LMUELLER 00000112 500496 60419951

01 FC:8021

40.00 CH

**ASSIGNMENT OF PATENT APPLICATION**

**JOINT**

WHEREAS, Han Ting Chang residing at Livermore, California, Dominique Charmot residing at Campbell, California, Damian Hajduk residing at San Jose, California, Manikandan Jayraman residing at San Francisco, California, Florence Roger residing at Santa Clara, California, Victor Nava-Salgado residing at San Jose, California, and Adam Safir, residing at Berkeley, California hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letter Patent:

Title of Invention:        **Olefin-Hydrophilic Block Copolymers Of Controlled Sizes and Methods Of Making And Using The Same**

Filing Date: October 21, 2002        Application No.: 60/419,951    and

WHEREAS, **Symyx Technologies, Inc.**, a Delaware corporation, located at 3100 Central Expressway, Santa Clara, California 95051, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.



Date: 11/05/2002

Han Ting Chang  
Han Ting Chang

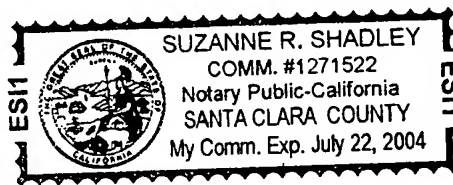
STATE OF California  
COUNTY OF Santa Clara

On Nov. 5, 2002, before me, Suzanne R. Shadley, Notary Public, personally appeared Han Ting Chang personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature

Suzanne R. Shadley



(Seal)

Date: Dec 5<sup>th</sup>, 2002

Dominique Charmot

Dominique Charmot

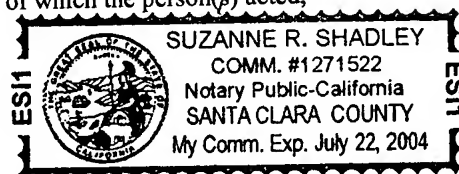
STATE OF California  
COUNTY OF Santa Clara

On December 5, 2002, before me, Suzanne R. Shadley, Notary Public, personally appeared Dominique Charmot personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

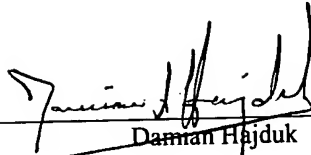
Signature

Suzanne R. Shadley



(Seal)

Date: 5 DECEMBER 2002

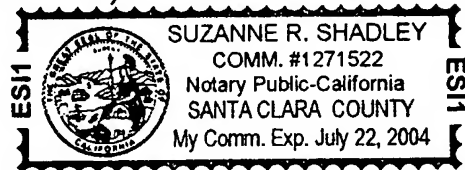
  
Damian Hajduk

STATE OF California  
COUNTY OF Santa Clara

On Dec. 5, 2002, before me, Suzanne R. Shadley, Notary Public, personally appeared Damian Hajduk personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature 



(Seal)

Date: \_\_\_\_\_

\_\_\_\_\_  
Manikandan Jayaraman

STATE OF California  
COUNTY OF \_\_\_\_\_

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public, personally appeared Manikandan Jayaraman personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature \_\_\_\_\_

(Seal)

Date: \_\_\_\_\_

\_\_\_\_\_  
Damian Hajduk

STATE OF California  
COUNTY OF Santa Clara

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public, personally appeared Damian Hajduk personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature \_\_\_\_\_

(Seal)

Date: 12/2/2002

J. Manikandan  
Manikandan Jayaraman

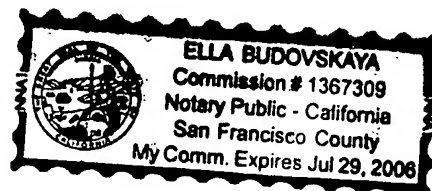
STATE OF California  
COUNTY OF SAN FRANCISCO

On Dec. 02, 2002, before me, Elle Budovskaya, Notary Public, personally appeared Manikandan Jayaraman personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature Elle Budovskaya

(Seal)



Date: 12/05/02

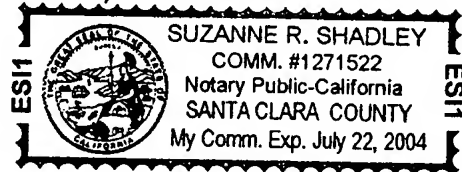
F. Roger  
Florence Roger

STATE OF California  
COUNTY OF Santa Clara

On Dec. 5, 2002, before me, Suzanne R. Shadley, Notary Public, personally appeared Florence Roger personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley



(Seal)

Date: December 5th, 2002

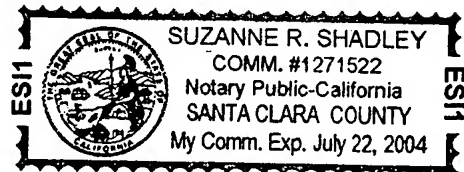
Victor Nava-Salgado  
Victor Nava-Salgado

STATE OF California  
COUNTY OF Santa Clara

On Dec. 5, 2002, before me, Suzanne R. Shadley, Notary Public, personally appeared Victor Nava-Salgado personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

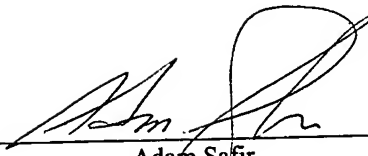
WITNESS my hand and official seal

Signature Suzanne R. Shadley



(Seal)

Date: 12/5/02

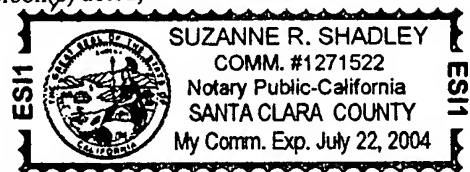
  
Adam Safir

STATE OF California  
COUNTY OF Santa Clara

On Dec. 5, 2002, before me, Suzanne R. Shadley, Notary Public, personally appeared Adam Safir personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature 



(Seal)